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| <b>Product name:</b>     | Asparagine Synthetase Rabbit Monoclonal Antibody                                                                                                                                                                                                                                                                                                  |
| <b>Cat number:</b>       | MABN85138                                                                                                                                                                                                                                                                                                                                         |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                                                                                                      |
| <b>Size:</b>             | 100μL                                                                                                                                                                                                                                                                                                                                             |
| <b>Clone:</b>            | Monoclonal                                                                                                                                                                                                                                                                                                                                        |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                                                                                                            |
| <b>Host:</b>             | Rabbit                                                                                                                                                                                                                                                                                                                                            |
| <b>Isotype:</b>          | IgG                                                                                                                                                                                                                                                                                                                                               |
| <b>Immunogen:</b>        | A synthetic peptide of human Asparagine synthetase                                                                                                                                                                                                                                                                                                |
| <b>Reactivity:</b>       | Human,Rat                                                                                                                                                                                                                                                                                                                                         |
| <b>Applications:</b>     | WB 1:500-1:1000,IHC 1:50-1:100                                                                                                                                                                                                                                                                                                                    |
| <b>Molecular Weight:</b> | Calculated MW: 64 kDa; Observed MW: 64 kDa                                                                                                                                                                                                                                                                                                        |
| <b>Purification:</b>     | Affinity Purification                                                                                                                                                                                                                                                                                                                             |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                                            |
| <b>Buffer:</b>           | Purified antibody in TBS with 0.05% sodium azide,0.05%BSA and 50% glycerol.                                                                                                                                                                                                                                                                       |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.                                                                                                                                                                                                                                                      |
| <b>Background:</b>       | <p>The protein encoded by this gene is involved in the synthesis of asparagine. This gene complements a mutation in the temperature-sensitive hamster mutant ts11, which blocks progression through the G1 phase of the cell cycle at nonpermissive temperature. Alternatively spliced transcript variants have been described for this gene.</p> |